



Flagstaff Science Center

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Scientist in Charge
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U.S. Department of the Interior
U.S. Geological Survey



History of Center

- ✓ Established in 1963 to provide geologic information about the Moon and help train astronauts. Other divisions dispersed around town.
- ✓ Other divisions (GD, Water, Mapping) consolidated to campus in mid-1970's
- ✓ Research in the 1980's and early 1990's shifted emphasis from the Moon to other planetary bodies and earth processes
- ✓ Focused work on Glen Canyon Environmental Impact statement and Colorado River in Grand Canyon began in the 1980's
- ✓ In 2000 the Biological Research Division moved on campus and began work with emphasis on biota research in the Southwest
- ✓ Future studies, research, and programs will continue to develop new methods and tools to measure and monitor natural and anthropogenic impacts to the natural environment

Science Disciplines

- **Geography**
 - ✓ Southwest Geographic Science Team
- **Geology**
 - ✓ Astrogeology Team
 - ✓ Earth Surface Processes Team
 - ✓ Mineral Resources Team
- **Water Resources**
 - ✓ Arizona Water Science Center Program and Hydrologic Data Office
- **Biological Resources**
 - ✓ Southwest Biological Science Center
 - Grand Canyon Monitoring & Research Center
 - Colorado Plateau Research Station (NAU)
 - Canyonlands Research Station (Moab, Utah)
 - Sonoran Desert Research Station (Tucson)



Research—Arizona Water Science Center, Flagstaff [~17 employees]

- **Geohydrology of the Upper and Middle Verde River Watersheds, Coconino Plateau, and Northwest Basins**
- **Southwest Salinity Assessment**
- **Colorado River Sediment, QW, and Flow Monitoring**
- **Geophysical Investigations of Basin-Fill Aquifers**
- **Hydrologic Investigations of the San Pedro and Northwest Alluvial Basins**
- **Lake Mary Bathymetry and Seepage**
- **Tribal Water Assessments and Evaluation**
- **Cooperative local academic research and education**
- **Continuous Collection of Surface Water Data**

Outreach Activities

➤ Center Wide

- ✓ Lecture Series
- ✓ Teachers Workshop and Field Trip in Spring of 2007
- ✓ On-Campus Tours
- ✓ In-School Presentations
- ✓ Science in the Park (in conjunction with Flagstaff Festival of Science)
- ✓ Cooperative work with Schools on Education Resources



Outreach Activities-continued

- ✓ Participation in Flagstaff Fourth of July Parade
- ✓ Science Articles in local Publications
- ✓ Grand Canyon Youth

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Summary—Flagstaff Science Center

➤ **Total Personnel: ~ 200 ±**

(Includes Federal employees, contractors, students, volunteers, and Emeritus Scientists)

➤ **Total Funding: ~ \$30M**

(Includes Appropriated Funds and Reimbursable Funds)

<http://arizona.usgs.gov/>